

Converting Colors

RGB(205, 187, 224)

Have a look what the booklet for
RGB(205, 187, 224) contains.

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Color

RGB(205, 187, 224)

Conversions

Conversions Part 1

Format	Color
Hex	CDBBE0
RGB	205, 187, 224
RGB Percent	80%, 73%, 88%
CMY	0.1961, 0.2667, 0.1216
CMYK	0.08, 0.17, 0.00, 0.12
HSL	269°, 37%, 81%
HSV	269°, 17%, 88%
XYZ	56.4017, 53.9016, 77.9524
YIQ	196.6000, -1.1490, 15.3230

Conversions

Conversions Part 2

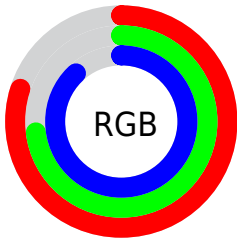
Format	Color
R_{YB}	205, 187, 224
Decimal	13482976
CIE _{Lab}	78.40, 13.25, -16.15
CIE _{LCh}	78, 20.892, 309.366
Yxy	53.9016, 0.2996, 0.2863
Android (android.graphics.Color)	4291673056 (0xFFCDBBE0)
YUV	196.6000, 13.5082, 7.3668
Hunter-Lab	73.4177, 8.6481, -11.5597

Details

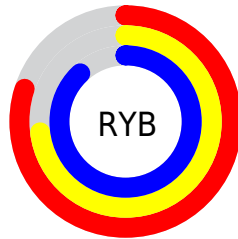
The RGB color **205, 187, 224** is a light color, and the websafe version is hex **C4C4FF**. A complement of this color would be **206, 224, 187**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 243, 255**, and **151, 134, 169** is the 20% darker color. If you saturate the color by 10%, you get **193, 165, 224**, and if you desaturate by 10%, it is **217, 209, 224**.

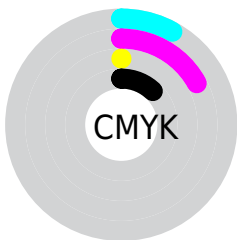
Distribution



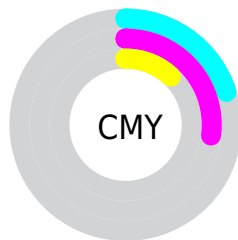
- Red (80%)
- Green (73%)
- Blue (88%)



- Red (80%)
- Yellow (73%)
- Blue (88%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 187, 224 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 205, 187, 224 by changing the saturation by 10% instead.

 205, 187, 224

255, 255, 255

 255, 243, 255

 205, 187, 224

 177, 160, 196


 151, 134, 169


 125, 108, 142

 99, 84, 117

 75, 61, 92

 52, 39, 68


 30, 19, 46

 1, 0, 25


 0, 0, 0

 205, 187, 224


 205, 187, 224

 193, 165, 224

 217, 209, 224


 182, 142, 224


 228, 232, 224

 170, 120, 224

 240, 254, 224

 159, 97, 224


 251, 255, 224

 147, 75, 224

 255, 255, 224

 136, 53, 224

 124, 30, 224

 113, 8, 224

 109, 0, 224

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180, 194, 232



205, 187, 224



224, 182, 208

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 187, 224



221, 188, 158



144, 205, 200

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



205, 187, 224



206, 224, 187

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



159, 204, 180



205, 187, 224



203, 195, 156

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205, 187, 224



232, 183, 170



181, 200, 164



142, 204, 218

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205, 187, 224



232, 180, 195



181, 200, 164



148, 205, 193

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



205, 187, 224



248, 242, 255



187, 206, 224



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 187, 224



229, 204, 255



223, 187, 224



106, 101, 112



86, 0, 176



24, 0, 48

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



224, 187, 206



255, 204, 230



188, 224, 187



112, 101, 107



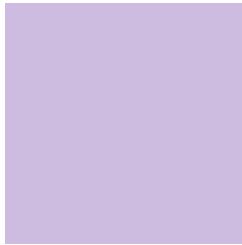
176, 0, 90



48, 0, 25

Previews

White Background



This preview shows how the RGB color 205, 187, 224 looks on a white background.

Color Contrast Check

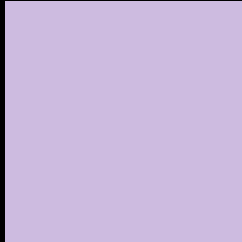
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 205, 187, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

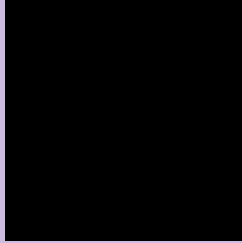
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 205, 187, 224 Background



This preview shows how black text looks on a background with the RGB color 205, 187, 224.



This preview shows how white text looks on a background with the RGB color 205, 187, 224.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
205, 187, 224

Protanopia
187, 192, 228

Deuteranopia
199, 189, 224



Tritanopia
202, 190, 205

Trichromacy



Original Color

205, 187, 224

Protanomaly

194, 190, 227

Deuteranomaly

201, 188, 224

Tritanomaly

203, 189, 212

Monochromacy



Original Color

205, 187, 224

Achromatopsia

197, 197, 197

Achromatomaly

200, 193, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 187, 224 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 187, 224)` looks like.

```
.text, #text, p{  
    color:rgb(205, 187, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 187, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 187, 224) }
```

Border

The CSS property to change the border of an element to RGB 205, 187, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

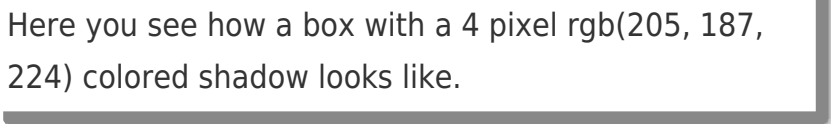
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 187, 224) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 187, 224) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(205, 187, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 187, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 187, 224);  
box-shadow:4px 4px 4px 4px rgb(205, 187,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 205, 187, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 187, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
187, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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